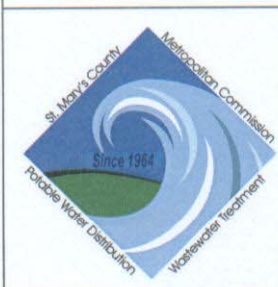


SECTION "A-A"

BUTRESS FOR TEES					
SIZE OF BRANCH					
D	6"	8"	10"	12"	16"
H	8"	9"	10"	12"	14"
I	9"	10"	12"	15"	20"
J	7"	9"	12"	14"	18"
K	6"	6"	8"	9"	10"

NOTES:

1. All concrete shall be MDOT SHA mix #1 (2500 p.s.i.) or as directed by the Engineer.
2. Buttress dimensions shown are minimum. dimensions are based upon a soil bearing pressure of 3000 p.s.f. and static water pressure of 150 p.s.i. where soil bearing pressure is less than 3000 p.s.f. or water pressure exceeds 150 p.s.i., special buttress design shall be required.
3. Buttress shall extend to undisturbed soil.



APPROVED

CIF

C. I. FREDERICK JR., P.E.
CHIEF ENGINEER

DATE: 7/1/09

REVISIONS	
DATE	INITIALS
6/18/09	J.E.C.

**ST. MARY'S COUNTY
METROPOLITAN COMMISSION**

**STANDARDS FOR PUBLIC WATER, SEWER
AND INCIDENTAL STRUCTURES**

**BUTRESSES FOR
TEES**

STANDARD NO. G-1